

DEPARTMENT OF INFORMATION TECHNOLOGY

Presents



NOTION

HALF-YEARLY DEPARTMENT NEWSLETTER

JAN-MAY 2K21, VOLUME 1, ISSUE 1





ABOUT THE COLLEGE

New Prince Shri Bhavani College of Engineering and Technology is a leading institution committed to producing skilled engineers and technologists. With modern facilities, experienced faculty, and a focus on innovation, the college offers comprehensive programs that prepare students for successful careers.

ABOUT THE DEPARTMENT

The Information Technology Department at New Prince Shri Bhavani College of Engineering and Technology is dedicated to empowering students with cutting-edge knowledge and skills in the rapidly evolving tech landscape. Offering a dynamic curriculum that blends core IT concepts with hands-on experience. With a strong emphasis on innovation, research, and industry collaboration, the department fosters a learning environment where students are encouraged to explore emerging technologies and develop solutions for real-world challenges.

VISSION OF THE INSTITUTE

To be a globally recognized academic institution and thereby contribute to technological and socio-economic development of the society.

MISSION OF INSTITUTE

1. To develop the needed resources and infrastructure, and to establish a conducive ambience for the teaching- learning process.
2. To Engage Committed members of faculty who will infuse subject knowledge with latest teaching pedagogies
3. To Ignite the desire for higher learning, research and entrepreneurship and equip them to face the global challenges
4. To engage the alumni professionals as productive partners with the current students to help enrich and enhance their student life.

VISSION OF DEPARTMENT

To be a center of excellence in emerging areas of Information Technology.

MISSION OF DEPARTMENT

- M1: provide the vital aspects of Information Technology and entrepreneurial skills to students.
- M2. Equip the stakeholders with technical knowledge and leadership skills with collaboration to become competent professionals.
- M3. Motivate innovation and contribute to the societal issues with human values and professional ethics.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Encompass the ability to examine, plan and build innovative software projects and become a successful entrepreneur.

PEO 2: Develop core IT competencies aligned with emerging industry trends to become global professional leaders with ethical values.

PEO 3: Engage in continuous learning and address societal problems with ethics to provide sustainable solutions.

PROGRAM SPECIFIC OUTCOME (PSO)

PSO 1: To embed a strong foundation in the Engineering fundamentals to Solve, analyze and design real time Technical Product.

PSO 2: Develop IT Application Services with the help of different current engineering tools.

PATTERN

1/19/24, 9:51 AM Intellectual Property India

Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India
(<http://ipindia.nic.in/index.htm>)

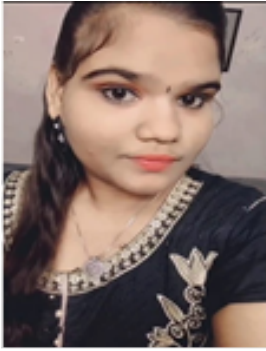
INTELLECTUAL PROPERTY INDIA
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202141021548
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/05/2021
APPLICANT NAME	1. Dr. S. JAGAN 2. Mr. A. THIYAGARAJAN 3. Mrs. M. REVATHI 4. C.P. JETLIN 5. Dr. K. DEEPA THILAK 6. Dr. K. KALAISELVI 7. Dr. K. GURUMATHAN 8. Dr. M. UMASELVI 9. Dr. N. KALYANA SUNDARAM 10. N. NAGARAJAN
TITLE OF INVENTION	IoT BASED ELDERLY PEOPLE ACTIVITY MONITORING AND DETECTING UNUSUAL ACTIVITY IN HOME
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	nagu.sajana@gmail.com
ADDITIONAL EMAIL (As Per Record)	jagansharmugam83@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	--
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (US 11A)	11/06/2021

On May 12th, a team of esteemed faculty members from various institutions, including Dr. S. Jagan, Mr. A. Thiyagarajan, Mrs. M. Revathi, and Dr. N. Kalyana Sundaram from New Prince Shri Bhavani College of Engineering and Technology, filed a patent for their innovative invention in the field of Bio-Medical Engineering. The patent, titled "IoT-Based Elderly People Activity Monitoring and Detecting Unusual Activity in Home," aims to improve elderly care through advanced IoT technology.



II YEAR



G. JEEVA (9.54)



K.SHALINI(9.42)



M.TAMILARASAN(9.42)



S.YASVANDIRAN (9.42)

III YEAR



S. PEACHIAMMAL (9.52)



R.RAJESWARI (9.4)



IV YEAR



S. AKSHAYA (9.18)



K.AARTH(8.9)I



P.KANIMOZH(8.9)I



**T.NANCY VICTORIA
(8.9)**

TEACHERS DAY



At New Prince Shri Bhavani College of Engineering and Technology, the Teacher's Day celebration for the year 2021-2022 was held with great enthusiasm. The event honored the dedication and contributions of the faculty members, recognizing their pivotal role in shaping the future of students. It included various cultural performances, speeches, and awards, making it a memorable occasion for both teachers and students.

CHRISTMAS CELEBRATION



New Prince Shri Bhavani College of Engineering and Technology celebrated Christmas with joy and enthusiasm during the 2021-2022 academic year. The event brought together students, faculty, and staff to share in the festive spirit. The celebration featured beautiful decorations, carol singing, and a Christmas play that highlighted the message of love, peace, and togetherness.

INDEPENDENCE DAY



On August 15th, New Prince Shri Bhavani College of Engineering and Technology celebrated Independence Day with great pride and patriotism. The event commenced with the hoisting of the national flag, followed by an inspiring speech by the college principal, highlighting the significance of India's independence and the sacrifices made by the freedom fighters.

KNOWLEDGE CONTRIBUTIONS

- Staffs of IT Department were participated in “National webinar on Research, Innovation and Ranking”- on 9th August 2021 conducted by MoE innovation Cell, Government of India.
- Staffs of IT Department were attended COVID-19 Vaccination Camp on 8th September 2021 from 10 a.m. to 3 p.m. in our college.
- Session on “Product Development Phases-Story Telling”- Presented by Mr.K.Aravinthan, Larson and Tubro Infotech Ltd., Chennai. on 16th December 2021 at 10 a.m.
- Session on “Exposure and Field Visit for Problem Identification”- Presented by Mr.N.Mohanakrishnan, Birlasoft Pvt.Ltd., Chennai. 8th December 2021 at 10 a.m.



5G Technology

The rollout of 5G networks began to transform connectivity, enabling faster internet speeds and lower latency. This facilitated advancements in IoT devices and enhanced mobile experiences.

SYMPOSIUM



The "I-tekon '21" symposium, held in 2021 in the IT department of New Prince Shri Bhavani College of Engineering and Technology, served as a platform for students and professionals to explore and discuss the latest advancements and research in information technology. This event featured a variety of presentations, workshops, and networking opportunities, allowing participants to engage with emerging trends, share knowledge, and collaborate on innovative projects.






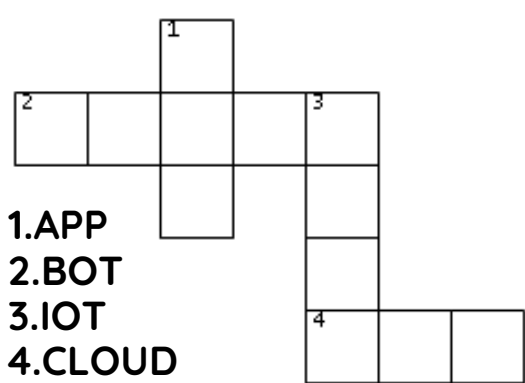
Dr. S. Subburam's paper, "Steganogram Removal Using Multidirectional Diffusion in Fourier Domain While Preserving Perceptual Image Quality," was published in Pattern Recognition Letters (Elsevier), Volume 147, July 2021. The study presents a method for removing steganograms while maintaining image quality. Read more at <https://doi.org/10.1016/j.patrec.2021.04.026>.

Dr. S. Subburam's paper, "An Innovative Security Analysis for Cloud Communication," was published in IJIRCCE, Volume 9, Issue 6, June 2021. This research provides a novel approach to enhancing security in cloud communication. Read more at DOI: 10.15680/IJIRCCE.2021.0906310.

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SOLVE THE PUZZLES



- 1.APP
- 2.BOT
- 3.IOT
- 4.CLOUD
- 5.DATA

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